

CLAIMS

Sub A1
1. A method for the treatment or prevention of brain edema comprising administering to a subject in need of said treatment or prevention a composition for said treatment or prevention comprising melatonin in an effective amount for said treatment or prevention.

Sub C2
2. A method as claimed in claim 1 wherein the composition is a pharmaceutical composition.

3. A method as claimed in claim 2 wherein melatonin is encapsulated in an encapsulating matrix or a liposome.

4. A method as claimed in claim 2 wherein the subject is suffering from brain edema.

5. A method as claimed in claim 2 wherein the subject has the risk of suffering from brain ischemia.

6. A method as claimed in claim 5 wherein the subject having the risk of suffering from brain ischemia is a subject suffering from cerebral thrombosis, cerebral embolism, cerebral infarction, cerebral hemorrhage, subarachnoid hemorrhage, transient brain ischemia, hyperlipemia, hypertension, cardiac arrest or brain contusion.

Sub C3
7. A method as claimed in claim 1 wherein the composition is orally administered.

8. A method as claimed in claim 1 wherein the composition is a food composition.

9. A method as claimed in claim 8 wherein the subject is suffering from brain edema.

10. A method as claimed in claim 8 wherein the subject has the risk of suffering from brain ischemia.

11. A method as claimed in claim 10 wherein the subject having the risk of suffering from brain ischemia is a subject suffering from cerebral thrombosis, cerebral embolism, cerebral infarction, cerebral hemorrhage, subarachnoid hemorrhage, transient brain ischemia, hyperlipemia, hypertension, cardiac arrest or brain contusion.

add C4
12. A method as claimed in claim 8 wherein the food composition is selected from the group consisting of food, a food stuff and a composition comprising melatonin and an additive for incorporating melatonin in food.

add B
13. A pharmaceutical or food composition for the treatment or prevention of brain edema comprising melatonin in an effective amount for said treatment or prevention.

14. Use of melatonin in the preparation of a pharmaceutical or food composition for the treatment or prevention of brain edema comprising melatonin in an effective amount for said treatment or prevention.

add A2 *add C5*